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Date: November 3, 2005

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(Name of Applicant, Assignee or Registered Representative)

November 3, 2005

Date

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Re:

Serial No.

10/691,032

Filed: October 22, 2003

Inventors:

Weizheng Wang et al.

For:

Weizheng Wang et al.

Attorney Docket No.:

PD-202088

Transmitted herewith:

INFORMATION DISCLOSURE STATEMENT (2 pages)

UNBLIND EQUALIZER ARCHITECTURE FOR DIGITAL COMMUNICATION SYSTEMS

FORM PTO 1449 (1 page)

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Patent PD-202088

Customer No. 020991

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In re Application of: Weizheng Wang

et al.

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Serial No.: 10/691,032

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Group Art Unit: 2637

Examiner:

Jayanti K. Patel

Date: November 3, 2005

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 (b)

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Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

This statement should be considered because it is submitted before the mailing of a first Office action on the merits under 37 C.F.R. § 1.97 (b) and therefore it is believed that no fee is due with this submission. If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Serial No. 10/691,032......Page 2

Respectfully submitted,

Geomann's

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/691,032	
STATEMENT BY APPLICANT (Use as many sheets as necessary)	Filing Date	October 22, 2003	
	First Named Inventor	Weizheng Wang	
	Art Unit	2637	
	Examiner Name	Jayanti K. Patel	
Sheet 1 of 1	Attorney Docket Number	PD-202088	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,199,047	03-30-1993	Koch, Wolfgang	
		US-5,088,110	02-11-1992	Bonnerot et al.	
		US-4,847,864	07-11-1989	Cupo, Robert L.	
		US-4,709,374	11-24-1987	Farrow, Cecil W.	
		US-4,594,725	06-10-1986	Desperben et al.	
	1	US-4,519,084	05-21-1985	Langseth, Rollin E.	
		US-4,416,015	11-15-1983	Gitlin, Richard D.	
		US-4,384,355	05-17-1983	Werner, Jean-Jacques	
		US-4,213,095	07-15-1980	Falconer, David D.	
		US-3,974,449	08-10-1976	Falconer, David Duncan	
		US-RE 31,351	08-16-1983	Falconer, David D.	
	 				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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